



# McC Campbell Analytical, Inc.

"When Quality Counts"

## Analytical Report

**WorkOrder:** 2406D43

**Report Created for:** Environmental United

9627 D St.  
Oakland, CA 94603

**Project Contact:** Etta Konneh

**Project P.O.:**

**Project:** HillCrest Elementary school

**Project Location:** 30 Marguerite Dr, Oakland

**Project Received:** 06/18/2024

Analytical Report reviewed & approved for release on 06/24/2024 by:

Jena Alfaro

Project Manager

*The report shall not be reproduced except in full, without the written approval of the laboratory. The analytical results relate only to the items tested. Results reported conform to the most current NELAP standards, where applicable, unless otherwise stated in a case narrative.*





## Glossary of Terms & Qualifier Definitions

**Client:** Environmental United

**WorkOrder:** 2406D43

**Project:** HillCrest Elementary school

### Glossary Abbreviation

%D	Serial Dilution Percent Difference
95% Interval	95% Confident Interval
CCV	Continuing Calibration Verification.
CCV REC (%)	% recovery of Continuing Calibration Verification.
CPT	Consumer Product Testing not NELAP Accredited
DF	Dilution Factor
DI WET	(DISTLC) Waste Extraction Test using DI water
DISS	Dissolved (direct analysis of 0.45 µm filtered and acidified water sample)
DLT	Dilution Test (Serial Dilution)
DUP	Duplicate
EDL	Estimated Detection Limit
ERS	External reference sample. Second source calibration verification.
ITEF	International Toxicity Equivalence Factor
LCS	Laboratory Control Sample
LCS2	Second LCS for the batch. Spike level is lower than that for the first LCS; applicable to method 1633.
LQL	Lowest Quantitation Level
MB	Method Blank
MB % Rec	% Recovery of Surrogate in Method Blank, if applicable
MDL	Method Detection Limit <sup>1</sup>
ML	Minimum Level of Quantitation
MS	Matrix Spike
MSD	Matrix Spike Duplicate
NA	Not Applicable
ND	Not detected at or above the indicated MDL or RL
NR	Data Not Reported due to matrix interference or insufficient sample amount.
PDS	Post Digestion Spike
PF	Prep Factor
RD	Relative Difference
RL	Reporting Limit <sup>2</sup>
RPD	Relative Percent Difference
RRT	Relative Retention Time
RSD	Relative Standard Deviation
SNR	Surrogate is diluted out of the calibration range
SPK Val	Spike Value

<sup>1</sup> MDL is the minimum measured concentration of a substance that can be reported with 99% confidence that the measured concentration is distinguishable from method blank results. Definition and Procedure for the Determination of the Method Detection Limit, Revision 2, 40CFR, Part 136, Appendix B, EPA 821-R-16-006, December 2016. Values are based upon our default extraction volume/amount and are subject to change.

<sup>2</sup> RL is the lowest level that can be reliably determined within specified limits of precision and accuracy during routine laboratory operating conditions. (The RL cannot be lower than the lowest calibration standard used in the initial calibration of the instrument and must be greater than the MDL.) Values are based upon our default extraction volume/amount and are subject to change.



## **Glossary of Terms & Qualifier Definitions**

**Client:** Environmental United

**WorkOrder:** 2406D43

**Project:** HillCrest Elementary school

SPKRef Val	Spike Reference Value
SPLP	Synthetic Precipitation Leachate Procedure
ST	Sorbent Tube
TCLP	Toxicity Characteristic Leachate Procedure
TEQ	Toxicity Equivalents
TNTC	"Too Numerous to Count," greater than 250 colonies observed on the plate.
TZA	TimeZone Net Adjustment for sample collected outside of MAI's Coordinated Universal Time (UTC). (Adjustment for Daylight Saving is not accounted.)
WET (STLC)	Waste Extraction Test (Soluble Threshold Limit Concentration)



## Analytical Report

**Client:** Environmental United  
**Date Received:** 06/18/2024 19:23  
**Date Prepared:** 06/20/2024  
**Project:** HillCrest Elementary school

**WorkOrder:** 2406D43  
**Extraction Method:** E200.8  
**Analytical Method:** E200.8  
**Unit:** µg/L

### Metals

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
061324 1a main hallway va	2406D43-001A	Water	06/13/2024 06:51	ICP-MS6 107SMPL.d	296147

Analytes	Result	RL	DF	Date Analyzed
Lead	0.66	0.50	1	06/20/2024 11:55

Analyst(s): AL

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
061324 2b cafeteria Tap	2406D43-002A	Water	06/13/2024 06:54	ICP-MS6 108SMPL.d	296147

Analytes	Result	RL	DF	Date Analyzed
Lead	0.80	0.50	1	06/20/2024 11:58

Analyst(s): AL

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
061324 3c cafeteria Tap	2406D43-003A	Water	06/13/2024 06:54	ICP-MS6 109SMPL.d	296147

Analytes	Result	RL	DF	Date Analyzed
Lead	2.7	0.50	1	06/20/2024 12:01

Analyst(s): AL

(Cont.)

CA ELAP 1644



## Analytical Report

**Client:** Environmental United  
**Date Received:** 06/18/2024 19:23  
**Date Prepared:** 06/20/2024  
**Project:** HillCrest Elementary school

**WorkOrder:** 2406D43  
**Extraction Method:** E200.8  
**Analytical Method:** E200.8  
**Unit:** µg/L

### Metals

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
061324 4D main Hallway R1	2406D43-004A	Water	06/13/2024 06:56	ICP-MS6 112SMPL.d	296147

Analytes	Result	RL	DF	Date Analyzed
Lead	4.4	0.50	1	06/20/2024 12:10

Analyst(s): AL

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
061324 5e main hallway rm2	2406D43-005A	Water	06/13/2024 06:58	ICP-MS6 113SMPL.d	296147

Analytes	Result	RL	DF	Date Analyzed
Lead	25	0.50	1	06/20/2024 12:13

Analyst(s): AL

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
061324 6f mainhallway r3	2406D43-006A	Water	06/13/2024 06:59	ICP-MS6 114SMPL.d	296147

Analytes	Result	RL	DF	Date Analyzed
Lead	1.4	0.50	1	06/20/2024 12:16

Analyst(s): AL

(Cont.)

CA ELAP 1644



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**Client:** Environmental United  
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**Project:** HillCrest Elementary school

**WorkOrder:** 2406D43  
**Extraction Method:** E200.8  
**Analytical Method:** E200.8  
**Unit:** µg/L

### Metals

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
061324 7g main hallway nea	2406D43-007A	Water	06/13/2024 07:00	ICP-MS6 115SMPL.d	296147

Analytes	Result	RL	DF	Date Analyzed
Lead	6.6	0.50	1	06/20/2024 12:19

Analyst(s): AL

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
061324 8h main hallway rm	2406D43-008A	Water	06/13/2024 07:02	ICP-MS6 116SMPL.d	296147

Analytes	Result	RL	DF	Date Analyzed
Lead	1.5	0.50	1	06/20/2024 12:22

Analyst(s): AL

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
061324 9i Exterior yard foun	2406D43-009A	Water	06/13/2024 07:06	ICP-MS6 117SMPL.d	296147

Analytes	Result	RL	DF	Date Analyzed
Lead	3.3	0.50	1	06/20/2024 12:25

Analyst(s): AL

(Cont.)

CA ELAP 1644



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**WorkOrder:** 2406D43  
**Extraction Method:** E200.8  
**Analytical Method:** E200.8  
**Unit:** µg/L

### Metals

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
061324 10j extior yard fount	2406D43-010A	Water	06/13/2024 07:07	ICP-MS6 118SMPL.d	296147

Analytes	Result	RL	DF	Date Analyzed
Lead	1.4	0.50	1	06/20/2024 12:28

Analyst(s): AL

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
061324 11K main hallway Tap	2406D43-011A	Water	06/13/2024 07:08	ICP-MS6 119SMPL.d	296147

Analytes	Result	RL	DF	Date Analyzed
Lead	3.0	0.50	1	06/20/2024 12:31

Analyst(s): AL

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
061324 12L main hallway rm6 tap	2406D43-012A	Water	06/13/2024 07:11	ICP-MS6 120SMPL.d	296147

Analytes	Result	RL	DF	Date Analyzed
Lead	100	0.50	1	06/20/2024 12:34

Analyst(s): AL

(Cont.)

CA ELAP 1644



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**WorkOrder:** 2406D43  
**Extraction Method:** E200.8  
**Analytical Method:** E200.8  
**Unit:** µg/L

### Metals

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
061324 13M main hallway rm5 tap	2406D43-013A	Water	06/13/2024 07:13	ICP-MS6 121SMPL.d	296147

Analytes	Result	RL	DF	Date Analyzed
Lead	58	0.50	1	06/20/2024 12:37

Analyst(s): AL

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
061324 14M ext. Yard fountaint	2406D43-014A	Water	06/13/2024 07:15	ICP-MS6 124SMPL.d	296147

Analytes	Result	RL	DF	Date Analyzed
Lead	4.8	0.50	1	06/20/2024 12:46

Analyst(s): WV

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
061324 15O outside Bulding rm8 Tap	2406D43-015A	Water	06/13/2024 07:16	ICP-MS6 103SMPL.d	296150

Analytes	Result	RL	DF	Date Analyzed
Lead	4.0	0.50	1	06/20/2024 11:43

Analyst(s): AL

(Cont.)

CA ELAP 1644





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**WorkOrder:** 2406D43  
**Extraction Method:** E200.8  
**Analytical Method:** E200.8  
**Unit:** µg/L

### Metals

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
061324 16P outside B rm9 fountain	2406D43-016A	Water	06/13/2024 07:18	ICP-MS6 125SMPL.d	296150

Analytes	Result	RL	DF	Date Analyzed
Lead	3.2	0.50	1	06/20/2024 12:49

Analyst(s): WV

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
061324 17Q outside B rm 10 fountain	2406D43-017A	Water	06/13/2024 07:19	ICP-MS6 126SMPL.d	296150

Analytes	Result	RL	DF	Date Analyzed
Lead	3.0	0.50	1	06/20/2024 12:52

Analyst(s): WV

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
061324 18R outside B rm 11 fountain	2406D43-018A	Water	06/13/2024 07:20	ICP-MS6 127SMPL.d	296150

Analytes	Result	RL	DF	Date Analyzed
Lead	5.2	0.50	1	06/20/2024 12:55

Analyst(s): WV

(Cont.)

CA ELAP 1644



## Analytical Report

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**Date Received:** 06/18/2024 19:23  
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**Project:** HillCrest Elementary school

**WorkOrder:** 2406D43  
**Extraction Method:** E200.8  
**Analytical Method:** E200.8  
**Unit:** µg/L

### Metals

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
061324 19S ext. yeard 2nd flr down fountain	2406D43-019A	Water	06/13/2024 07:22	ICP-MS6 128SMPL.d	296150

Analytes	Result	RL	DF	Date Analyzed
Lead	28	0.50	1	06/20/2024 12:58

Analyst(s): WV

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
061324 22V outside B down fountai	2406D43-020A	Water	06/13/2024 07:28	ICP-MS6 129SMPL.d	296150

Analytes	Result	RL	DF	Date Analyzed
Lead	2.1	0.50	1	06/20/2024 13:01

Analyst(s): WV



## Quality Control Report

**Client:** Environmental United  
**Date Prepared:** 06/20/2024  
**Date Analyzed:** 06/20/2024  
**Instrument:** ICP-MS6  
**Matrix:** Drinking Water  
**Project:** HillCrest Elementary school

**WorkOrder:** 2406D43  
**BatchID:** 296147  
**Extraction Method:** E200.8  
**Analytical Method:** E200.8  
**Unit:** µg/L  
**Sample ID:** MB/LCS/LCSD-296147

### QC Summary Report for Metals

Analyte	MB Result	MDL	RL			
Lead	ND	0.052	0.50	-	-	-

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Lead	53	54	50	106	107	85-115	1.45	20



## Quality Control Report

**Client:** Environmental United  
**Date Prepared:** 06/20/2024  
**Date Analyzed:** 06/20/2024  
**Instrument:** ICP-MS6  
**Matrix:** Drinking Water  
**Project:** HillCrest Elementary school

**WorkOrder:** 2406D43  
**BatchID:** 296150  
**Extraction Method:** E200.8  
**Analytical Method:** E200.8  
**Unit:** µg/L  
**Sample ID:** MB/LCS/LCSD-296150  
2406D43-015AMS/MSD

### QC Summary Report for Metals

Analyte	MB Result	MDL	RL			
Lead	ND	0.052	0.50	-	-	-

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Lead	52	53	50	105	105	85-115	0.616	20

Analyte	MS DF	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
Lead	1	58	59	50	4.044	109	109	85-115	0.796	20



1534 Willow Pass Rd  
Pittsburg, CA 94565-1701  
(925) 252-9262

# CHAIN-OF-CUSTODY RECORD

WorkOrder: 2406D43

ClientCode: EUOC

☐ WaterTrax ☐ CLIP ☐ EDF ☐ EQuIS ☒ Dry-Weight ☐ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag  
☐ Detection Summary ☐ Excel

**Report to:**

Etta Konneh  
Environmental United  
9627 D St.  
Oakland, CA 94603  
(510) 815-8792 FAX:

Email: Environmental.united.op@gmail.com  
cc/3rd Party:  
PO:  
Project: HillCrest Elementary school

**Bill to:**

Oliver Gbotoe  
Environmental United  
9627 D St.  
Oakland, CA 94603  
Environmental.united.op@gmail.com

**Requested TAT: 5 days;**

*Date Received:* **06/18/2024**

*Date Logged:* **06/19/2024**

Lab ID	ClientSampleID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
2406D43-001	061324 1a main hallway va	Water	6/13/2024 06:51	<input type="checkbox"/>	A	A										
2406D43-002	061324 2b cafetria Tap	Water	6/13/2024 06:54	<input type="checkbox"/>	A	A										
2406D43-003	061324 3c cafeteria Tap	Water	6/13/2024 06:54	<input type="checkbox"/>	A	A										
2406D43-004	061324 4D main Hallway R1	Water	6/13/2024 06:56	<input type="checkbox"/>	A	A										
2406D43-005	061324 5e main hallway rm2	Water	6/13/2024 06:58	<input type="checkbox"/>	A	A										
2406D43-006	061324 6f mainhallway r3	Water	6/13/2024 06:59	<input type="checkbox"/>	A	A										
2406D43-007	061324 7g main hallway nea	Water	6/13/2024 07:00	<input type="checkbox"/>	A	A										
2406D43-008	061324 8h main hallway rm	Water	6/13/2024 07:02	<input type="checkbox"/>	A	A										
2406D43-009	061324 9i Exterior yard foun	Water	6/13/2024 07:06	<input type="checkbox"/>	A	A										
2406D43-010	061324 10j extior yeard fount	Water	6/13/2024 07:07	<input type="checkbox"/>	A	A										
2406D43-011	061324 11K main hallway Tap	Water	6/13/2024 07:08	<input type="checkbox"/>	A	A										
2406D43-012	061324 12L main hallway rm6 tap	Water	6/13/2024 07:11	<input type="checkbox"/>	A	A										
2406D43-013	061324 13M main hallway rm5 tap	Water	6/13/2024 07:13	<input type="checkbox"/>	A	A										
2406D43-014	061324 14M ext. Yard fountaint	Water	6/13/2024 07:15	<input type="checkbox"/>	A	A										
2406D43-015	061324 15O outside Bulding rm8 Tap	Water	6/13/2024 07:16	<input type="checkbox"/>	A	A										

**Test Legend:**

1	METALSMS_DW	2	PRDisposal Fee	3		4	
5		6		7		8	
9		10		11		12	

**Project Manager: Angela Rydelius**

**Prepared by: Gemma Gomez**

**Comments:**

NOTE: Soil samples are discarded 60 days after receipt unless other arrangements are made (Water samples are 30 days).  
Hazardous samples will be returned to client or disposed of at client expense.



1534 Willow Pass Rd  
Pittsburg, CA 94565-1701  
(925) 252-9262

# CHAIN-OF-CUSTODY RECORD

WorkOrder: 2406D43

ClientCode: EUOC

☐ WaterTrax ☐ CLIP ☐ EDF ☐ EQuIS ☒ Dry-Weight ☐ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag  
☐ Detection Summary ☐ Excel

**Report to:**

Etta Konneh  
Environmental United  
9627 D St.  
Oakland, CA 94603  
(510) 815-8792 FAX:

Email: Environmental.united.op@gmail.com  
cc/3rd Party:  
PO:  
Project: HillCrest Elementary school

**Bill to:**

Oliver Gbotoe  
Environmental United  
9627 D St.  
Oakland, CA 94603  
Environmental.united.op@gmail.com

**Requested TAT: 5 days;**

*Date Received:* **06/18/2024**

*Date Logged:* **06/19/2024**

Lab ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
2406D43-016	061324 16P outside B rm9 fountain	Water	6/13/2024 07:18	<input type="checkbox"/>	A	A										
2406D43-017	061324 17Q outside B rm 10 fountain	Water	6/13/2024 07:19	<input type="checkbox"/>	A	A										
2406D43-018	061324 18R outside B rm 11 fountain	Water	6/13/2024 07:20	<input type="checkbox"/>	A	A										
2406D43-019	061324 19S ext. yeard 2nd flr down fountain	Water	6/13/2024 07:22	<input type="checkbox"/>	A	A										
2406D43-020	061324 22V outside B down fountai	Water	6/13/2024 07:28	<input type="checkbox"/>	A	A										

**Test Legend:**

1	METALSMS_DW	2	PRDisposal Fee	3		4	
5		6		7		8	
9		10		11		12	

**Project Manager: Angela Rydelius**

**Prepared by: Gemma Gomez**

**Comments:**

NOTE: Soil samples are discarded 60 days after receipt unless other arrangements are made (Water samples are 30 days).  
Hazardous samples will be returned to client or disposed of at client expense.



## WORK ORDER SUMMARY

**Client Name:** ENVIRONMENTAL UNITED

**Project:** HillCrest Elementary school

**Work Order:** 2406D43

**Client Contact:** Etta Konneh

**QC Level:** LEVEL 2

**Contact's Email:** Environmental.united.op@gmail.com

**Comments:**

**Date Logged:** 6/19/2024

☐ WaterTrax ☐ CLIP ☐ EDF ☐ Excel ☐ EQUIS ☐ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

LabID	ClientSampID	Matrix	Test Name	Cont./ Comp.	Bottle & Preservative	U**	Head Space	Dry- Weight	Collection Date & Time	TAT	Test Due Date	Sediment Content	Hold	Sub Out
001A	061324 1a main hallway va	Water	E200.8 (Metals) <Lead>	1	250mL HDPE w/ HNO3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	6/13/2024 6:51	5 days	6/25/2024	None	<input type="checkbox"/>	<input type="checkbox"/>
002A	061324 2b cafeteria Tap	Water	E200.8 (Metals) <Lead>	1	250mL HDPE w/ HNO3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	6/13/2024 6:54	5 days	6/25/2024	None	<input type="checkbox"/>	<input type="checkbox"/>
003A	061324 3c cafeteria Tap	Water	E200.8 (Metals) <Lead>	1	250mL HDPE w/ HNO3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	6/13/2024 6:54	5 days	6/25/2024	None	<input type="checkbox"/>	<input type="checkbox"/>
004A	061324 4D main Hallway R1	Water	E200.8 (Metals) <Lead>	1	250mL HDPE w/ HNO3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	6/13/2024 6:56	5 days	6/25/2024	None	<input type="checkbox"/>	<input type="checkbox"/>
005A	061324 5e main hallway rm2	Water	E200.8 (Metals) <Lead>	1	250mL HDPE w/ HNO3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	6/13/2024 6:58	5 days	6/25/2024	None	<input type="checkbox"/>	<input type="checkbox"/>
006A	061324 6f mainhallway r3	Water	E200.8 (Metals) <Lead>	1	250mL HDPE w/ HNO3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	6/13/2024 6:59	5 days	6/25/2024	None	<input type="checkbox"/>	<input type="checkbox"/>
007A	061324 7g main hallway nea	Water	E200.8 (Metals) <Lead>	1	250mL HDPE w/ HNO3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	6/13/2024 7:00	5 days	6/25/2024	None	<input type="checkbox"/>	<input type="checkbox"/>
008A	061324 8h main hallway rm	Water	E200.8 (Metals) <Lead>	1	250mL HDPE w/ HNO3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	6/13/2024 7:02	5 days	6/25/2024	None	<input type="checkbox"/>	<input type="checkbox"/>
009A	061324 9i Exterior yard foun	Water	E200.8 (Metals) <Lead>	1	250mL HDPE w/ HNO3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	6/13/2024 7:06	5 days	6/25/2024	None	<input type="checkbox"/>	<input type="checkbox"/>

**NOTES:** \* STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).

- ISM prep requires 5 to 10 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 6 to 11 days from sample submission). Due date listed on WO summary will not accurately reflect the time needed for sample preparation.

- Organic extracts are held for 40 days before disposal; Inorganic extract are held for 30 days.

- MAI assumes that all material present in the provided sampling container is considered part of the sample - MAI does not exclude any material from the sample prior to sample preparation unless requested in writing by the client.

U\*\* = An unpreserved container was received for a method that suggests a preservation in order to extend hold time for analysis.



## WORK ORDER SUMMARY

**Client Name:** ENVIRONMENTAL UNITED

**Project:** HillCrest Elementary school

**Work Order:** 2406D43

**Client Contact:** Etta Konneh

**QC Level:** LEVEL 2

**Contact's Email:** Environmental.united.op@gmail.com

**Comments:**

**Date Logged:** 6/19/2024

☐ WaterTrax ☐ CLIP ☐ EDF ☐ Excel ☐ EQUIS ☐ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

LabID	ClientSampID	Matrix	Test Name	Cont./ Comp.	Bottle & Preservative	U**	Head Space	Dry- Weight	Collection Date & Time	TAT	Test Due Date	Sediment Content	Hold	Sub Out
010A	061324 10j extior yeard fount	Water	E200.8 (Metals) <Lead>	1	250mL HDPE w/ HNO3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	6/13/2024 7:07	5 days	6/25/2024	None	<input type="checkbox"/>	<input type="checkbox"/>
011A	061324 11K main hallway Tap	Water	E200.8 (Metals) <Lead>	1	250mL HDPE w/ HNO3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	6/13/2024 7:08	5 days	6/25/2024	None	<input type="checkbox"/>	<input type="checkbox"/>
012A	061324 12L main hallway rm6 tap	Water	E200.8 (Metals) <Lead>	1	250mL HDPE w/ HNO3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	6/13/2024 7:11	5 days	6/25/2024	None	<input type="checkbox"/>	<input type="checkbox"/>
013A	061324 13M main hallway rm5 tap	Water	E200.8 (Metals) <Lead>	1	250mL HDPE w/ HNO3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	6/13/2024 7:13	5 days	6/25/2024	None	<input type="checkbox"/>	<input type="checkbox"/>
014A	061324 14M ext. Yard fountain	Water	E200.8 (Metals) <Lead>	1	250mL HDPE w/ HNO3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	6/13/2024 7:15	5 days	6/25/2024	None	<input type="checkbox"/>	<input type="checkbox"/>
015A	061324 15O outside Bulding rm8 Tap	Water	E200.8 (Metals) <Lead>	1	250mL HDPE w/ HNO3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	6/13/2024 7:16	5 days	6/25/2024	None	<input type="checkbox"/>	<input type="checkbox"/>
016A	061324 16P outside B rm9 fountain	Water	E200.8 (Metals) <Lead>	1	250mL HDPE w/ HNO3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	6/13/2024 7:18	5 days	6/25/2024	None	<input type="checkbox"/>	<input type="checkbox"/>
017A	061324 17Q outside B rm 10 fountain	Water	E200.8 (Metals) <Lead>	1	250mL HDPE w/ HNO3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	6/13/2024 7:19	5 days	6/25/2024	None	<input type="checkbox"/>	<input type="checkbox"/>
018A	061324 18R outside B rm 11 fountain	Water	E200.8 (Metals) <Lead>	1	250mL HDPE w/ HNO3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	6/13/2024 7:20	5 days	6/25/2024	None	<input type="checkbox"/>	<input type="checkbox"/>

**NOTES:** \* STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).

- ISM prep requires 5 to 10 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 6 to 11 days from sample submission). Due date listed on WO summary will not accurately reflect the time needed for sample preparation.

- Organic extracts are held for 40 days before disposal; Inorganic extract are held for 30 days.

- MAI assumes that all material present in the provided sampling container is considered part of the sample - MAI does not exclude any material from the sample prior to sample preparation unless requested in writing by the client.

U\*\* = An unpreserved container was received for a method that suggests a preservation in order to extend hold time for analysis.





McC Campbell Analytical, Inc.

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701  
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269  
http://www.mccampbell.com / E-mail: main@mccampbell.com

## WORK ORDER SUMMARY

**Client Name:** ENVIRONMENTAL UNITED

**Project:** HillCrest Elementary school

**Work Order:** 2406D43

**Client Contact:** Etta Konneh

**QC Level:** LEVEL 2

**Contact's Email:** Environmental.united.op@gmail.com

**Comments:**

**Date Logged:** 6/19/2024

☐ WaterTrax ☐ CLIP ☐ EDF ☐ Excel ☐ EQUIS ☐ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

LabID	ClientSampID	Matrix	Test Name	Cont./ Comp.	Bottle & Preservative	U**	Head Space	Dry- Weight	Collection Date & Time	TAT	Test Due Date	Sediment Content	Hold	Sub Out
019A	061324 19S ext. yeard 2nd flr down fountain	Water	E200.8 (Metals) <Lead>	1	250mL HDPE w/ HNO3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	6/13/2024 7:22	5 days	6/25/2024	None	<input type="checkbox"/>	<input type="checkbox"/>
020A	061324 22V outside B down fountai	Water	E200.8 (Metals) <Lead>	1	250mL HDPE w/ HNO3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	6/13/2024 7:28	5 days	6/25/2024	None	<input type="checkbox"/>	<input type="checkbox"/>

**NOTES:** \* STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).

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U\*\* = An unpreserved container was received for a method that suggests a preservation in order to extend hold time for analysis.

Preservative Code: 1=4°C   2=HCl   3=H<sub>2</sub>SO<sub>4</sub>   4=HNO<sub>3</sub>   5=NaOH   6=ZnOAc/NaOH   7=None

Temp 23.2 °C      Initials \_\_\_\_\_

noise

 <b>McCAMPBELL ANALYTICAL, INC.</b> 1534 Willow Pass Rd. Pittsburg, Ca. 94565-1701 Telephone: (877) 252-9262 / Fax: (925) 252-9269 www.mccampbell.com      main@mccampbell.com						<b>CHAIN OF CUSTODY RECORD</b>																																																																																	
Report To: Etta Konneh      Bill To: Environmental United						Turn Around Time: 1 Day Rush <input type="checkbox"/> 2 Day Rush <input type="checkbox"/> 3 Day Rush <input type="checkbox"/> STD <input checked="" type="radio"/> Quote # 242621																																																																																	
Company: Environmental United						I-Flag / MDL <input type="checkbox"/> ESL <input type="checkbox"/> Cleanup Approved <input type="checkbox"/> Dry Weight <input type="checkbox"/> Bottle Order #																																																																																	
Email: Environmental.united.op@gmail.com						Delivery Format: PDF <input type="checkbox"/> GeoTracker EDF <input type="checkbox"/> EDD <input type="checkbox"/> CLIP EDT (DW) <input type="checkbox"/> Detect Summary <input type="checkbox"/>																																																																																	
Alt Email:      Tele: (510) 815-8792						<b>Analysis Requested</b>																																																																																	
Project Name: HillCrest Elementary School      Project #:																																																																																							
Project Location: 30 Marguerite Dr Oakland Ca 94618      PO #																																																																																							
Sampler Signature: <i>Etta Konneh</i>																																																																																							
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2">SAMPLE ID Location / Field Point</th> <th colspan="2">Sampling</th> <th rowspan="2">#Containers</th> <th rowspan="2">Matrix</th> <th rowspan="2">Preservative</th> </tr> <tr> <th>Date</th> <th>Time</th> </tr> </thead> <tbody> <tr><td>061324 11k main hallway Tap</td><td>06/13/24</td><td>7:08a</td><td>1</td><td>DW</td><td>7</td></tr> <tr><td>061324 12L main hallway rm6 tap</td><td>06/13/24</td><td>7:11a</td><td>1</td><td>DW</td><td>7</td></tr> <tr><td>061324 13M main hallway rm5 tap</td><td>06/13/24</td><td>7:13a</td><td>1</td><td>DW</td><td>7</td></tr> <tr><td>061324 14M ext. yard fountain near plants tap</td><td>06/13/24</td><td>7:15a</td><td>1</td><td>DW</td><td>7</td></tr> <tr><td>061324 15O outside Building rm8 tap</td><td>06/13/24</td><td>7:16a</td><td>1</td><td>DW</td><td>7</td></tr> <tr><td>061324 16P outside B rm9 fountain</td><td>06/13/24</td><td>7:18a</td><td>1</td><td>DW</td><td>7</td></tr> <tr><td>061324 17Q outside B rm10 fountain</td><td>06/13/24</td><td>7:19a</td><td>1</td><td>DW</td><td>7</td></tr> <tr><td>061324 18R outside B rm11 fountain</td><td>06/13/24</td><td>7:20a</td><td>1</td><td>DW</td><td>7</td></tr> <tr><td>061324 19S ext. yard 2nd fir down fountain</td><td>06/13/24</td><td>7:22a</td><td>1</td><td>DW</td><td>7</td></tr> <tr><td>061324 22V outside B down fountai</td><td>06/13/24</td><td>7:28a</td><td>1</td><td>DW</td><td>7</td></tr> </tbody> </table>																				SAMPLE ID Location / Field Point	Sampling		#Containers	Matrix	Preservative	Date	Time	061324 11k main hallway Tap	06/13/24	7:08a	1	DW	7	061324 12L main hallway rm6 tap	06/13/24	7:11a	1	DW	7	061324 13M main hallway rm5 tap	06/13/24	7:13a	1	DW	7	061324 14M ext. yard fountain near plants tap	06/13/24	7:15a	1	DW	7	061324 15O outside Building rm8 tap	06/13/24	7:16a	1	DW	7	061324 16P outside B rm9 fountain	06/13/24	7:18a	1	DW	7	061324 17Q outside B rm10 fountain	06/13/24	7:19a	1	DW	7	061324 18R outside B rm11 fountain	06/13/24	7:20a	1	DW	7	061324 19S ext. yard 2nd fir down fountain	06/13/24	7:22a	1	DW	7	061324 22V outside B down fountai	06/13/24	7:28a	1	DW	7
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MAI clients MUST disclose any dangerous chemicals known to be present in their submitted samples in concentrations that may cause immediate harm or serious future health endangerment as a result of brief, gloved, open air, sample handling by MAI staff. Non-disclosure incurs an immediate \$250 surcharge and the client is subject to full legal liability for harm suffered. Thank you for your understanding and for allowing us to work safely.																																																																																							
* If metals are requested for water samples and the water type (Matrix) is not specified on the chain of custody, MAI will default to metals by E200.8. Please provide an adequate volume of sample. If the volume is not sufficient for a MS/MSD a LCS/LCSD will be prepared in its place and noted in the report.						Comments / Instructions																																																																																	
Relinquished By / Company Name			Date	Time	Received By / Company Name															Date	Time																																																																		
<i>Etta Konneh</i>			6-18-24	19:22	<i>Notate Grey</i>															6-18-24	19:23																																																																		

Matrix Code: DW=Drinking Water, GW=Ground Water, WW=Waste Water, SW=Seawater, S=Soil, SL=Sludge, A=Air, WP=Wipe, O=Other

Preservative Code: 1=4°C 2=HCl 3=H<sub>2</sub>SO<sub>4</sub> 4=HNO<sub>3</sub> 5=NaOH 6=ZnOAc/NaOH 7=NoneTemp 23.2 °C      Initials none

Reset Form

Page \_\_\_ of \_\_\_



## Sample Receipt Checklist

Client Name: Environmental United  
Project: HillCrest Elementary school

Date and Time Received: 6/18/2024 19:23

Date Logged: 6/19/2024

Received by: Natalie Zaragoza

Logged by: Gemma Gomez

WorkOrder No: 2406D43 Matrix: Water  
Carrier: Client Drop-In

### Chain of Custody (COC) Information

Chain of custody present?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody signed when relinquished and received?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody agrees with sample labels?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sample IDs noted by Client on COC?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Date and Time of collection noted by Client on COC?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sampler's name noted on COC?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
COC agrees with Quote?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>

### Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>
Custody seals intact on sample bottles?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>
Shipping container/cooler in good condition?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Samples in proper containers/bottles?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sample containers intact?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sufficient sample volume for indicated test?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	

### Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	NA <input type="checkbox"/>
Samples Received on Ice?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	

Sample/Temp Blank temperature	Temp: 23.2°C	NA <input type="checkbox"/>
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ZHS conditional analyses: VOA meets zero headspace requirement (VOCs, TPHg/BTEX, RSK)?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>
--	------------------------------	-----------------------------	--

Sample labels checked for correct preservation?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
---	---	-----------------------------	--

pH acceptable upon receipt (Metal: <2; Nitrate 353.2/4500NO3: <2; 522: <4; 218.7: >8)?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	NA <input type="checkbox"/>
--	---	-----------------------------	-----------------------------

### UCMR Samples:

pH tested and acceptable upon receipt (200.7: ≤2; 533: 6 - 8; 537.1: 6 - 8)?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>
--	------------------------------	-----------------------------	--

Free Chlorine tested and acceptable upon receipt (<0.1mg/L) [not applicable to 200.7]?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>
--	------------------------------	-----------------------------	--

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Comments: